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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

CONFIRMATION NO.: 5979

THOMAS J. LECK ET. AL.

CASE NO.: FL1081USNA

APPLICATION NO.: 10/638230

GROUP ART UNIT: 1751

FILED: AUGUST 07, 2003

EXAMINER: JOHN R. HARDEE

FOR: REFRIGERANT COMPOSITIONS COMPRISING
PERFORMANCE ENHANCING ADDITIVES

SECOND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office the documents listed on the enclosed PTO/SB/08A and PTO/SB/08B forms. A copy of the document cited on Form 08B (the International Search Report) is enclosed. One of the patents cited on that Report (EP 612839) was previously submitted with the first Information Disclosure Statement and was indicated as having been considered by the Examiner in the Office Action mailed August 4, 2004.

It is understood that International Search Reports are usually considered by Examiner when submitted, but are not normally cited on the front of a patent and thus the Examiner will not indicate consideration of the same on the forms PTO/SB/08A and PTO/SB/08B. Unless otherwise indicated on the record, it will be assumed that the Examiner has considered the Search Report.

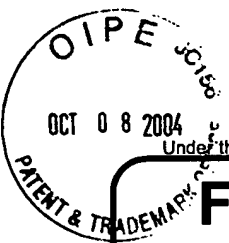
Also, in accordance with 35 U.S.C. 1.97(c)(2), please charge \$180 for the filing of this Information Disclosure Statement, as well as any fee deficiency or credit, to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company). A duplicate copy of this statement is enclosed.

Respectfully submitted,

CHYRREA J. SEBREE
ATTORNEY FOR APPLICANTS
Registration No.: 45,348
Telephone: (302) 992-3407
Facsimile: (302) 892-7925

10/12/2004 ZJUHAR1 00000016 041928 10638230
01 FC:1806 180.00 DA

Dated: October 4, 2004



FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) **180.00**

Complete if Known

Application Number	10/638230
Filing Date	August 07, 2003
First Named Inventor	Thomas J. Leck Et. Al.
Examiner Name	John R. Hardee
Art Unit	1751
Attorney Docket No.	FL1081USNA

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: **04-1928**

Deposit Account Name: **E. I. du Pont de Nemours and Company**

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims: - 20** = X 18 =

Independent Claims: - 3** = X 88 =

Multiple Dependent ☐ YES 300 =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 88	2201 44	Independent claims in excess of 3	
1203 300	2203 150	Multiple dependent claim, if not paid	
1204 88	2204 44	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)			0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 430	2252 215	Extension for reply within second month	
1253 980	2253 490	Extension for reply within third month	
1254 1,530	2254 765	Extension for reply within fourth month	
1255 2,080	2255 1,040	Extension for reply within fifth month	
1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 300	2403 150	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,370	2501 685	Utility issue fee (or reissue)	
1502 490	2502 245	Design issue fee	
1503 660	2503 330	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	180.00
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) **180.00**

SUBMITTED BY

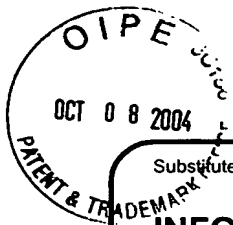
(Complete if applicable)

Name (Print/Type)	Chyrea J. Sebree	Registration No. (Attorney/Agent)	45,348	Telephone	(302) 992-3407
Signature	<i>Chyrea J. Sebree</i>	Date	October 4, 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/638,230
Filing Date	August 7, 2003
First Named Inventor	Thomas J. Leck et al.
Group Art Unit	1751
Examiner Name	John R. Hardee
Attorney Docket Number	FL-1081 US NA

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
		US -	5,858,266	01-12-1999	Kaneko	
		US -	6,306,803	10-23-2001	Tazaki	
		US -				
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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		CountryCode ³	Number ⁴	Kind Code ⁵ (if known)				
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Examiner
SignatureDate
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the tow-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

2

of

2

Complete if Known

Application Number	10/638,230
Filing Date	August 7, 2003
First Named Inventor	Thomas J. Leck et al.
Group Art Unit	1751
Examiner Name	John R. Hardee
Attorney Docket Number	FL-1081 US NA

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		International Search Report, date mailed September 7, 2004	<input type="checkbox"/>
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Date

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10/638,230
FL-1081 US NA

Second Information Disclosure Statement
PTO/SB/08A Form
PTO/SB/08B Form
Copy of reference cited on 08B Form (International Search Report)
Fee Transmittal
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